

GENERAL NOTES:

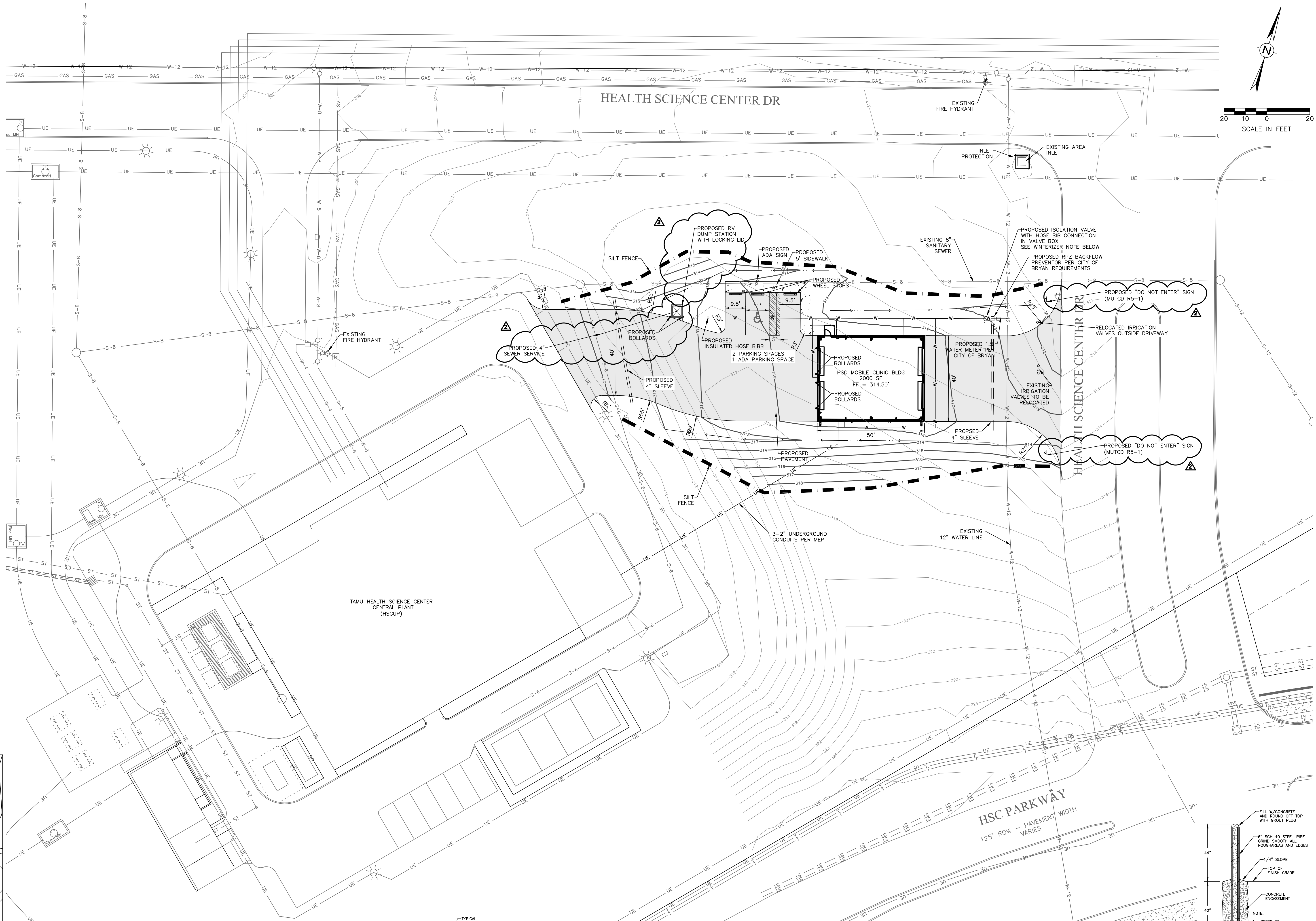
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST CITY OF BRYAN/COLLEGE STATION STANDARD SPECIFICATIONS AND DETAILS FOR (WATER, SEWER). ALL CONSTRUCTION SHALL BE COORDINATED WITH THE ENGINEER OFFICE.
2. ALL UTILITY LINES (WATER, GAS, SANITARY SEWER, STORM SEWER, ETC) SHOWN ARE TAKEN FROM BEST AVAILABLE RECORD INFORMATION BASED ON CONSTRUCTION UTILITY MAP DOCUMENTS OBTAINED FROM CITY & INDEPENDENT AGENCIES AND/OR AERIAL PHOTOGRAPHIC EVIDENCE. SHOW POSITIONS MAY NOT REPRESENT AS-BUILT CONDITIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. NOTIFICATION OF THE UTILITY COMPANIES 48 HOURS IN ADVANCE OF CONSTRUCTION IS REQUIRED.
DIG TEST: (800) 344-8377
GAS: (979) 242-5248
SUDEN LINE COMMUNICATIONS: (979) 242-5249
PROVIDER COMMUNICATIONS: (979) 242-5243
CITY OF BRYAN: (979) 209-5900
4. THE CONTRACTOR SHALL COMPLY WITH OSHA STANDARD 29 CFR PART 1926 SUBPART P FOR TRENCH SAFETY REQUIREMENTS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE WHATEVER MEANS NECESSARY TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE. THIS INCLUDES THE INSTALLATION OF A CONSTRUCTION EXIT AND SILT FENCE AS NECESSARY.
6. THE CONTRACTOR IS REQUIRED TO MAINTAIN THE TROPS GENERAL PERMIT NO. TXR 150000 REQUIREMENTS FOR CONSTRUCTION SITES.
7. ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN DISTURBED BY CONSTRUCTION SHALL BE ADEQUATELY BLOK SOODED OR HYDROMULCHED, AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOK SOO WILL BE REQUIRED. BARED AREAS SHALL BE SEEDED OR SOODED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.
8. ALL RADII AND DISTANCES ARE MEASURED TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
9. ALL PAVEMENT SHALL BE PER TYPICAL PAVEMENT SECTION REFER TO PAVEMENT PLAN FOR PAVEMENT SECTION.
10. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THESE PLANS, DRAWINGS AND SPECIFICATIONS.
11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH ALL STATE AND FEDERAL REGULATIONS REGARDING CONSTRUCTION ACTIVITIES NEAR ENERGIZED OVERHEAD POWER LINES.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES OR SERVICE LINES THAT ARE CROSSED OR EXPOSED DURING CONSTRUCTION OPERATIONS. WHERE EXISTING UTILITIES OR SERVICE LINES ARE CUT, BROKEN, OR DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THE UTILITIES OR SERVICE LINES WITH THE SAME TYPE OF MATERIAL AND CONSTRUCTION OR BETTER. THIS MATERIAL AND WORK SHALL BE AT THE CONTRACTOR'S OWN EXPENSE.
13. A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE KEPT ON SITE AT ALL TIMES THROUGHOUT THE ENTIRE CONSTRUCTION OF THE PROJECT. CONTRACTOR SHALL MAINTAIN A SET OF REDLINE DRAWINGS, RECORDING AS-BUILT CONDITIONS DURING CONSTRUCTION.
14. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RAY FOR AND OBTAIN ALL REQUIRED PERMITS AND INSPECTION APPROVALS FOR ALL WORK SHOWN.
15. ANY ADJACENT PROPERTY AND RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION WILL BE RETURNED TO THEIR EXISTING CONDITION OR BETTER.
16. THE CONTRACTOR SHALL NOT CREATE A DIRT NUISANCE OR SAFETY HAZARD IN ANY STREET OR DRIVEWAY.
17. ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISOCCURED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.
18. THE CONTRACTOR AGREES TO REPAIR ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE STANDARDS OF THE APPLICABLE REGULATORY AGENCY.
19. THE CONTRACTOR SHALL PROTECT ALL MONUMENTS, IRON PINS, AND PROPERTY CORNERS DURING CONSTRUCTION.
20. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKING.
21. THE CONTRACTOR MAY OBTAIN AN ELECTRONIC COPY OF THESE PLANS FOR CONSTRUCTION PURPOSES. THE ELECTRONIC FILE AND INFORMATION GENERATED BY A SCHULTZ ENGINEERING, LLC (SEL) FOR THIS PROJECT IS CONSIDERED BY SE TO BE CONFIDENTIAL. WHEN ISSUED, ITS USE IS LIMITED TO THE PROJECT AND TO THE EXTENT TO WHICH IT IS PROVIDED TO THE CONTRACTOR IS NOT GRANTED TO THE RECIPIENT FOR DISTRIBUTION OF THESE DOCUMENTS IN ANY FORM OR MEDIUM. THE RECIPIENT UNDERSTANDS THIS AND IS AUTHORIZED TO USE THE INFORMATION ONLY AS TO IT PERFORMANCE, ACCURACY, FREEDOM FROM ERROR OR AS TO ANY RESULTS GENERATED THROUGHOUT ITS USE. THE RECIPIENT ALSO UNDERSTANDS AND AGREES THAT UPON RELEASE OF SUCH DATA, IS NO LONGER RESPONSIBLE FOR THEIR USE OR MODIFICATION. THE USER UNDERSTANDS THAT THE ELECTRONIC DATA ACCEPTS FULL RESPONSIBILITY AND LIABILITY FOR ANY CONSEQUENCES ARISING OUT OF THEIR USE.

SITE SPECIFIC NOTES:

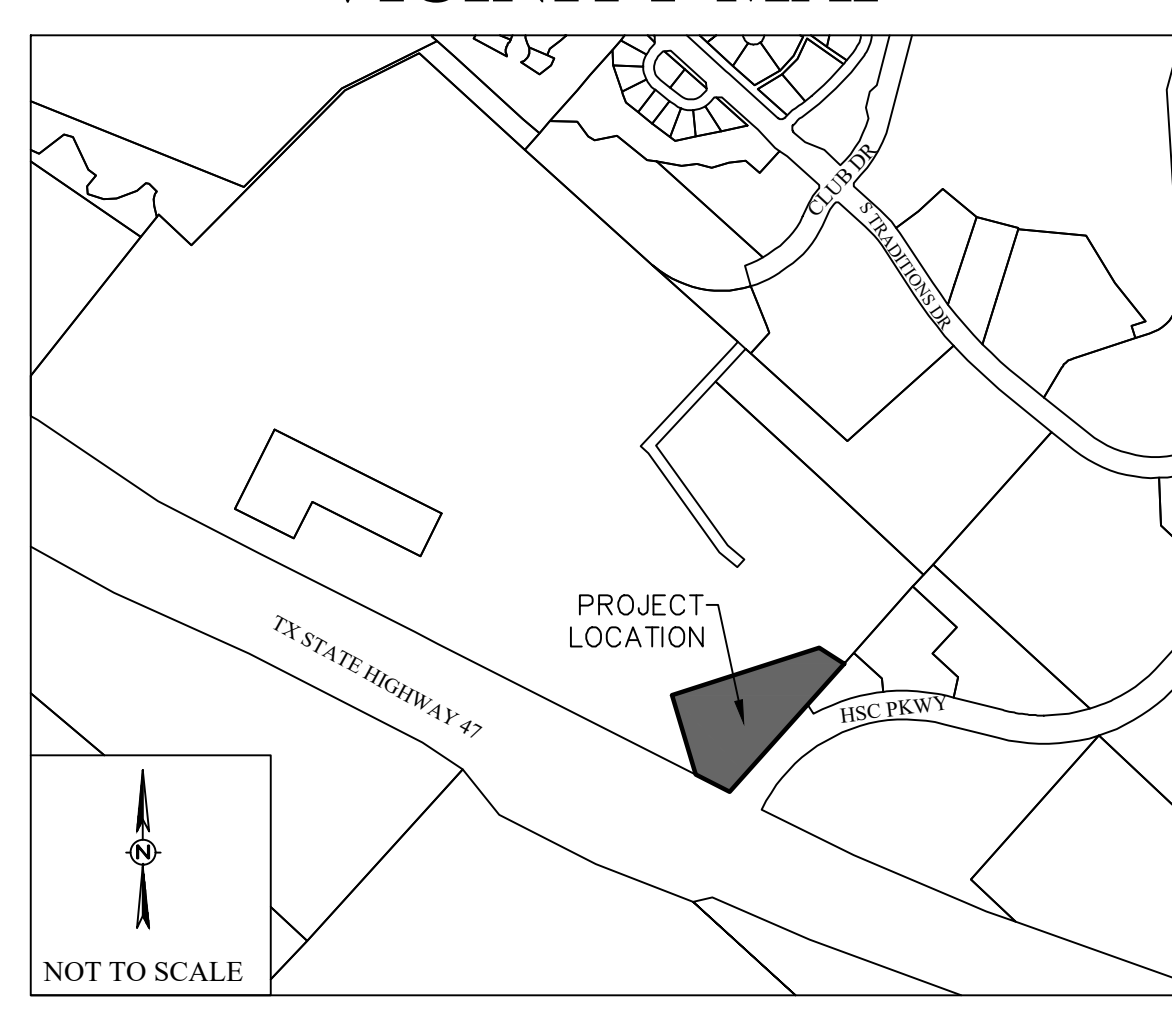
1. THE OWNER OF THE PROPERTY IS TEXAS A&M UNIVERSITY SYSTEM. THE SUBJECT PROPERTY IS LOCATED AT JOHN H. JONES (JCL), TRACT 51.
2. THE TOTAL DISTURBED AREA FOR THIS PROJECT IS 0.26 ACRES (11,379 SF).
3. THE SUBJECT TRACT DOES NOT LIE WITHIN THE 100 YEAR FLOODPLAIN ACCORDING TO FEMA FLOOD INSURANCE RATE MAPS FOR BRAZOS COUNTY, TEXAS AND INCORPORATED NEAR COMMUNITY NO. 48008, PANEL NO. 0285, MAP NO. 48041C0285E, EFFECTIVE DATE: APRIL 2, 2014.
4. THE MINIMUM REQUIRED FIRE FLOW FOR A STORAGE BUILDING IBC TYPE VB OF 2000 SF IS 1500 GALLONS PER MINUTE. THE BUILDING IS NOT SPRINKLED. ONE FIRE HYDRANT IS REQUIRED. THE EXISTING HYDRANT WILL BE SUFFICIENT.
5. CONTOURS SHOWN ARE FROM FIELD SURVEY DATA.

EROSION CONTROL NOTES:

1. THE CONTRACTOR IS REQUIRED TO MAINTAIN THE TROPS GENERAL PERMIT NO. TXR 150000 REQUIREMENTS FOR CONSTRUCTION SITES.
2. EROSION CONTROL MEASURES SHOWN IN THESE PLANS SHALL BE CONSIDERED THE VERY MINIMUM REQUIRED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL OTHER EROSION CONTROL MEASURES (DIVERSION WEIR, DRAINAGE STRUCTURES, SWALES, ADDITIONAL FENCING, ETC.) NECESSARY TO KEEP THE EXISTING IMPROVEMENTS AND DEVELOPMENTS FROM DAMAGE OF ANY KIND, DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.
3. ALL SEDIMENT TRAPPING DEVICES SHALL BE INSTALLED AS SOON AS PRACTICABLE AFTER THE AREA HAS BEEN DISTURBED. ALL SEDIMENT TRAPPING DEVICES SHALL BE CLEANED WHEN SEDIMENT LEVEL REACHES 50% CAPACITY. SEDIMENT SHALL BE DISPOSED OF BY SPREADING ON SITE OR HAULING AWAY IF NOT SUITABLE FOR FILL.
4. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY EXCAVATION OR DEMOLITION WORK.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE WHATEVER MEANS NECESSARY TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE PROJECT SITE. THIS INCLUDES THE INSTALLATION OF A CONSTRUCTION EXIT AND SILT FENCE AS NECESSARY.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING THE EROSION AND SEDIMENT CONTROL DEVICES. INSPECTIONS SHALL BE DONE EVERY 14 DAYS AND AFTER EVERY INFRAINFALL EVENT OF 1/2" OR MORE. THE CONTRACTOR SHALL REMOVE ALL MUD DEPOSITED ON THE ADJACENT STREETS AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
7. THE CONTRACTOR SHALL REMOVE THE EROSION CONTROL MEASURES ONCE GRASS IS ESTABLISHED.
8. INLET PROTECTION TO BE INSTALLED AT ALL PROPOSED AND EXISTING INLETS ADJACENT TO THE PROJECT SITE.
9. CONSTRUCTION EXIT IS TO BE DRESSED WITH ADDITIONAL ROCK AS NEEDED AND MAINTAINED SO AS TO PREVENT CONSTRUCTION TRAFFIC FROM TRACKING MUD ONTO ADJACENT PUBLIC STREETS.
10. ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN DISTURBED BY CONSTRUCTION SHALL BE ADEQUATELY BLOK SOODED OR HYDROMULCHED, AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOK SOO WILL BE REQUIRED. BARED AREAS SHALL BE SEEDED OR SOODED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.



VICINITY MAP



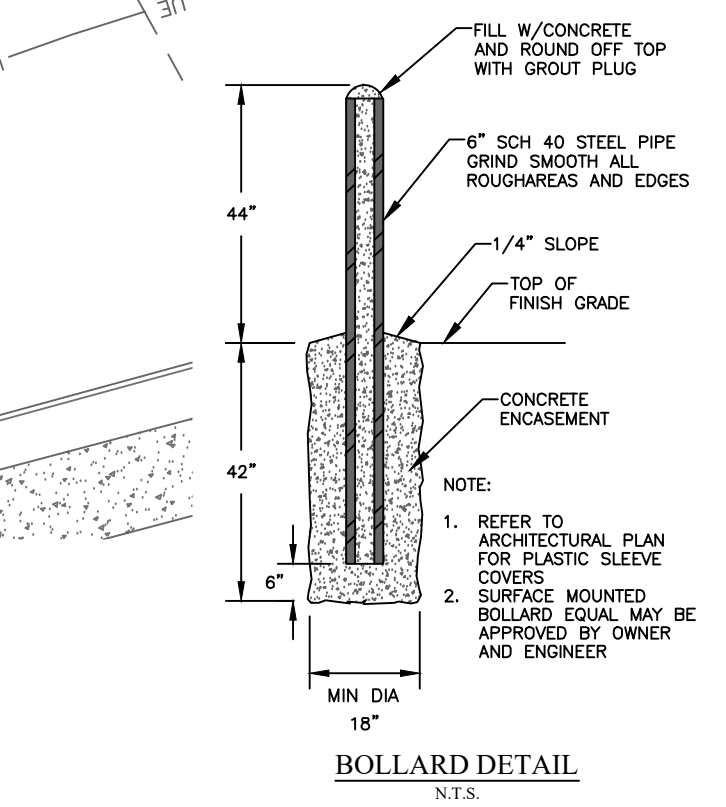
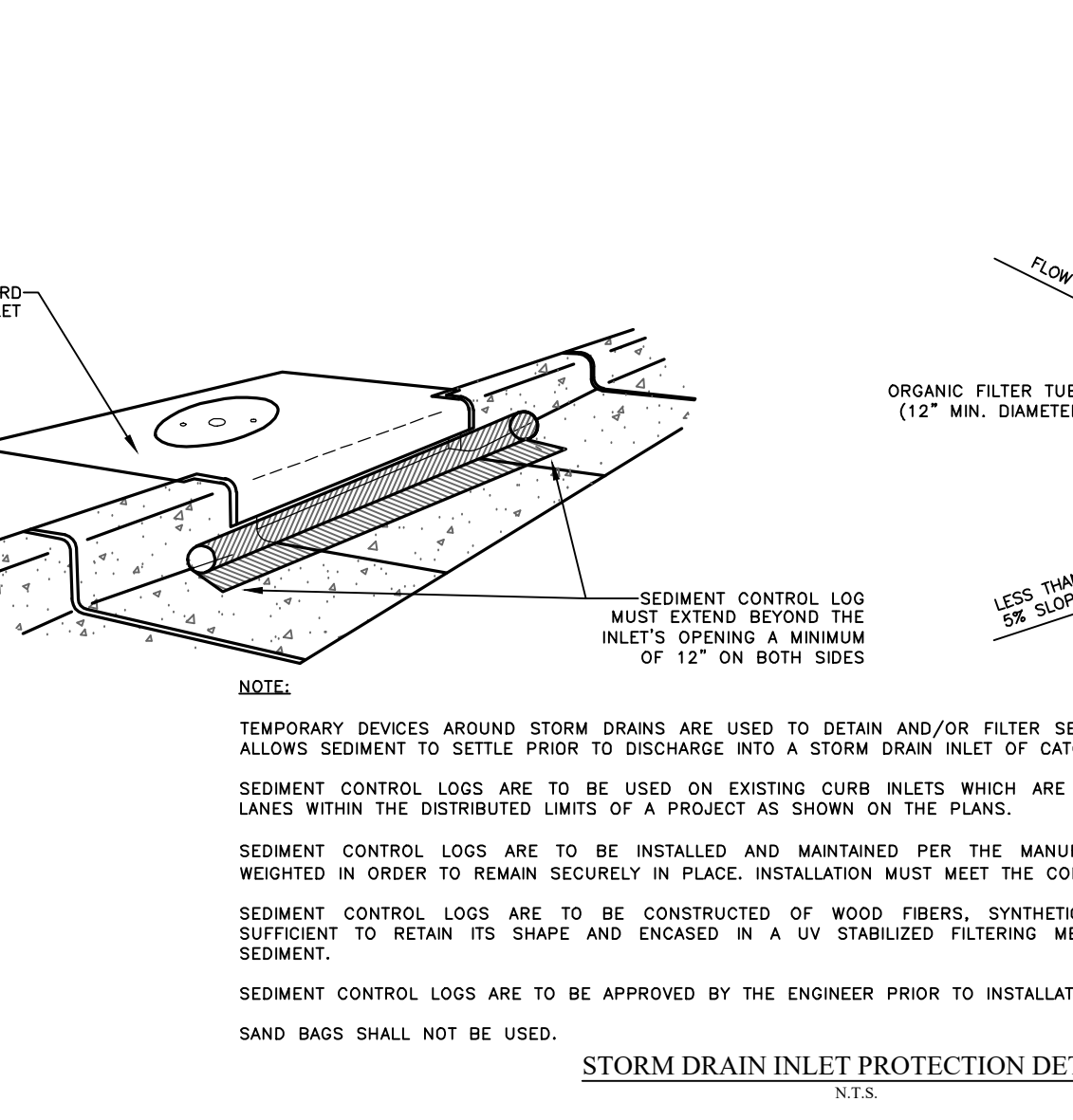
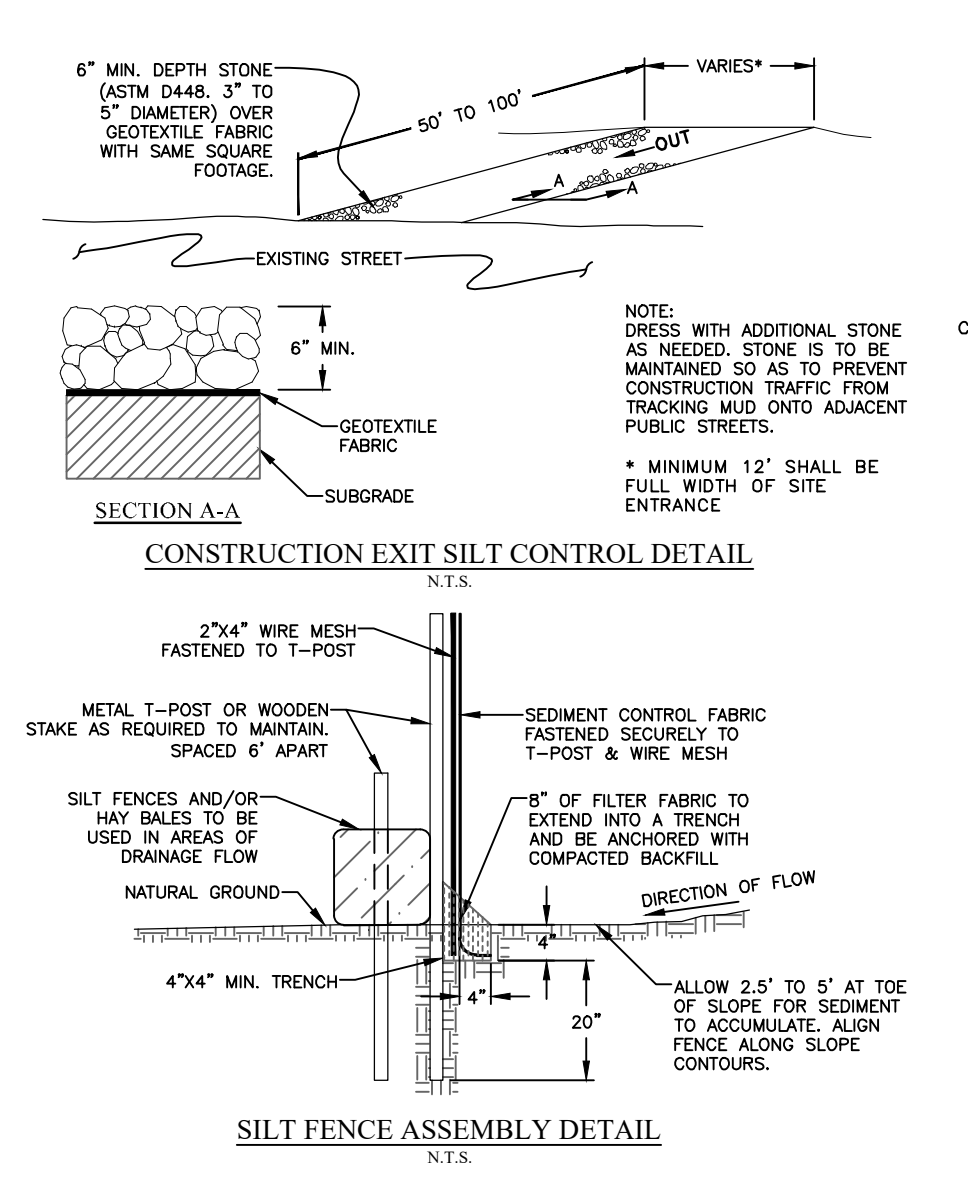
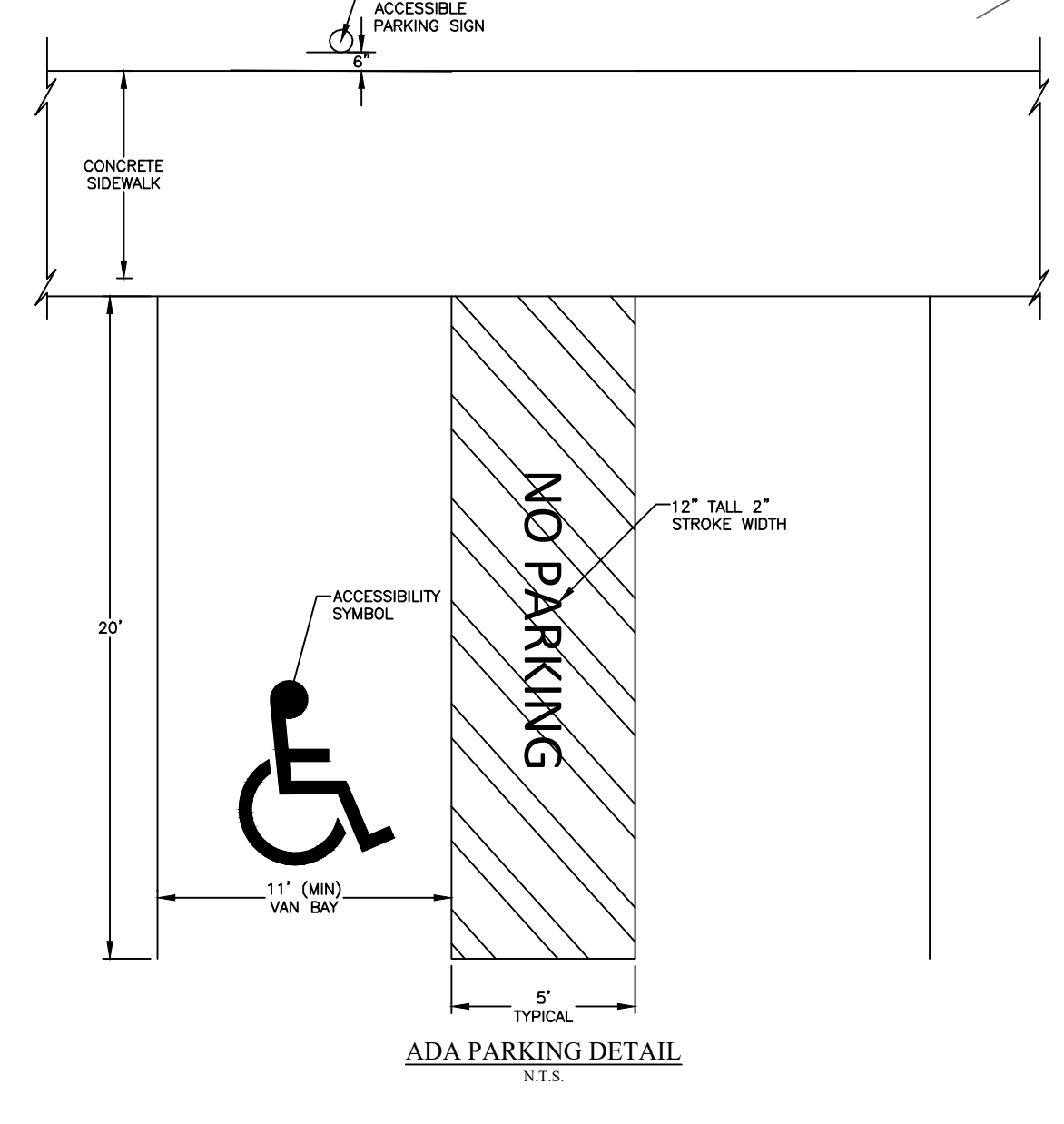
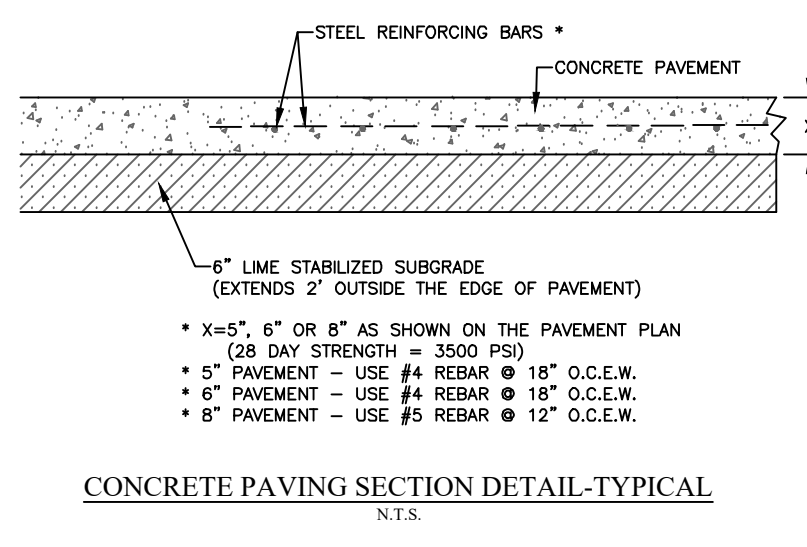
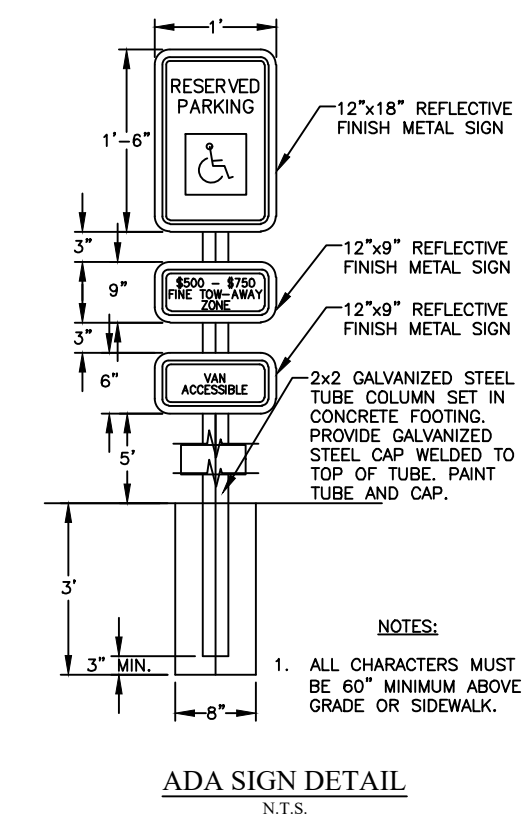
HSC CLINIC PARKING AND STORAGE
8447 RIVERSIDE PARKWAY (SH 47)

TOTAL DISTURBED AREA = 0.26 ACRES
PORTION OF
154.61 ACRE TRACT
VOL. 7908, PG. 209
BRYAN, BRAZOS COUNTY, TEXAS

SCALE: 1"=20'
OWNER/DEVELOPER:
THE TEXAS A&M UNIVERSITY SYSTEM
301 TARBOR ST
COLLEGE STATION, TX
(979) 458-7700

ENGINEER:
SCHULTZ ENGINEERING, LLC
PO BOX 11995
COLLEGE STATION, TX 77842
(979)764-3900

FEBRUARY 2024



SZS ARCHITECTURE
1711 CAVITT AVENUE
BRYAN, TEXAS 77801
OFFICE: (979)779-5757
info@szsarchitecture.com

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY THE STATE OF TEXAS, LICENSE NO. 1098357, EXPIRES FEBRUARY 26, 2024

RELEASED FOR CONSTRUCTION

SCHULTZ ENGINEERING, LLC
011 Southwest Blvd E
College Station, Texas 77940
PHONE: 979.764.3900
TXBE PERM NO. T2327

REVISIONS

NUMBER	DATE
1	01/19/2024
2	02/27/2024

TAMU HSC MOBILE CLINICS 2022-08006

TAMU HSC CENTRAL UTILITY PLANT

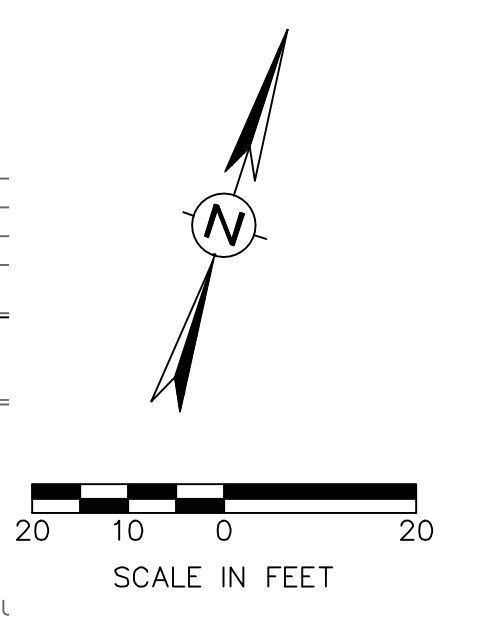
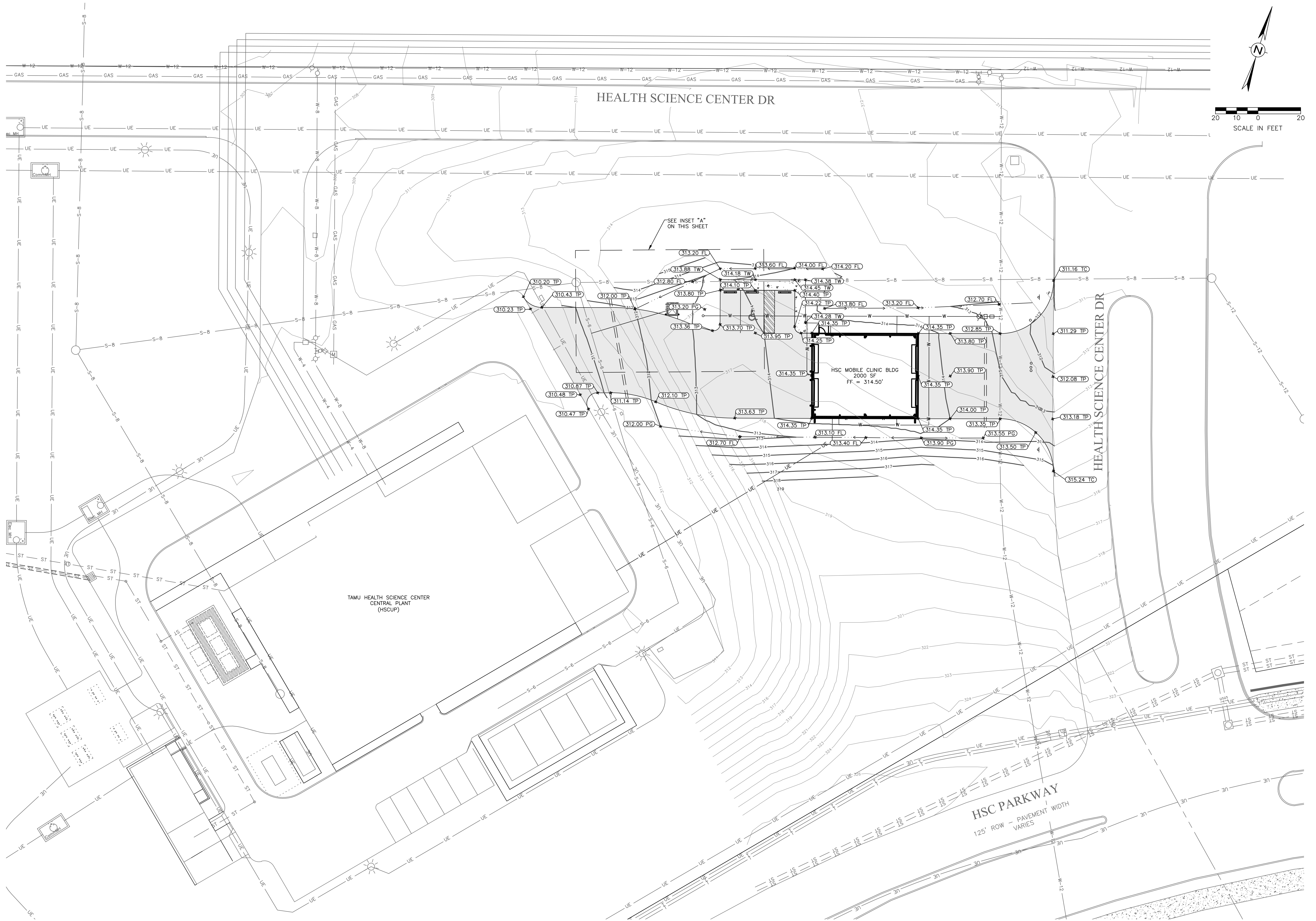
SITE AND EROSION CONTROL PLAN

Project Number: 202209
Sheet Issue Date: 2023.11.01
Horizontal Scale: 1"=20'
Vertical Scale: N/A

3-C1

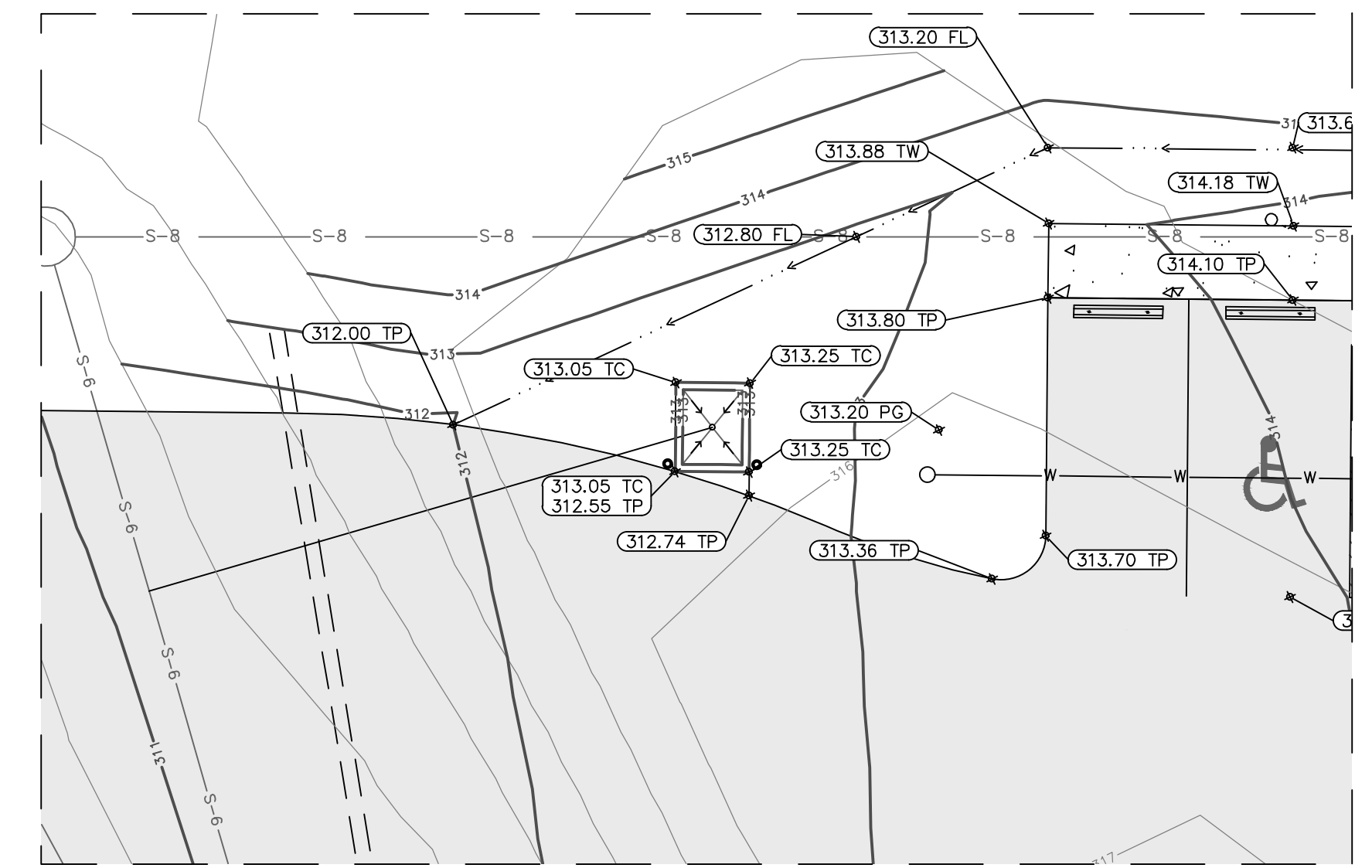
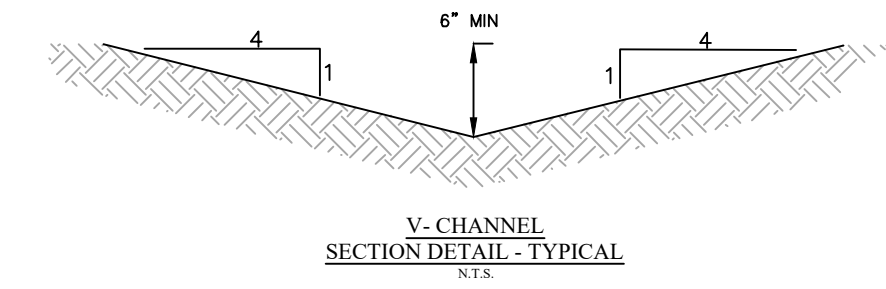
- GRADING NOTES:**
- FILL MATERIAL USED TO ACHIEVE GRADE IN AREAS TO RECEIVE PAVEMENT OR WITHIN THE STREET RIGHT-OF-WAY SHALL BE COMPACTED TO AT LEAST 98% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST. (ASTM D698) AT A MOISTURE CONTENT FROM OPTIMUM MOISTURE CONTENT TO 4% ABOVE THE OPTIMUM MOISTURE CONTENT. AREAS OUTSIDE OF THE STREET RIGHT-OF-WAY OR PAVEMENT AREAS SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY.
 - THE SUBGRADE BENEATH THE CONCRETE SIDEWALKS SHALL BE 6" STABILIZED SUBGRADE OR SELECT FILL.
 - HANDICAP RAMP SLOPES SHALL NOT EXCEED 1:12.14.
 - THE TOPOGRAPHY SHOWN IS FROM FIELD SURVEY DATA.
 - STRUCTURAL BACKFILL FOR UTILITY OR STORM DRAIN TRENCHES IS REQUIRED WHENEVER THE TRENCH IS WITHIN 2' OF PAVEMENT OR SIDEWALK.
 - THE CONTRACTOR SHALL FOLLOW THE GENERAL INTENT OF THE GRADING PLANS. MINOR ADJUSTMENTS TO THE ACTUAL ELEVATIONS SHOWN ON THE GRADING PLAN MAY BE REQUIRED TO MATCH EXISTING GROUND ELEVATIONS AND STRUCTURES. THE PROPOSED CONTOUR LINES SHOWN ARE APPROXIMATE ONLY. THE DESIGN GRADE SPOT ELEVATIONS SHOULD BE USED FOR CONSTRUCTION OF THE SITE WORK.
 - THE CONTRACTOR SHALL SALVAGE ALL TOPSOIL AND REPLACE IT ON ALL DISTURBED AREAS. ALL PAVING LOT BORDERS AND AREAS ADJACENT TO PAVING AND SIDEWALK AREAS SHALL RECEIVE 4" SANDY LOAM TOPSOIL PRIOR TO PLACEMENT OF GRASS SOO OR HYDROMULCH.
 - POSITIVE DRAINAGE AWAY FROM ALL SIDES OF THE PROPOSED BUILDING PAD SHALL BE PROVIDED. USE OF INTERCEPTION DRAINAGE SWALES OR DRAINAGE PIPES SYSTEMS TO ROUTE STORMWATER AROUND AND NOT THROUGH THE BUILDING PAD AREA. INSTALLATION OF LANDSCAPING SHALL NOT BLOCK POSITIVE DRAINAGE AWAY FROM BUILDING SLABS. IF POSITIVE DRAINAGE CANNOT BE MAINTAINED DUE TO LANDSCAPING, ADDITIONAL SURFACE AND SUBSURFACE DRAINAGE SYSTEMS SHALL BE ADDED.
 - THE SELECT FILL FOR THE BUILDING FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
 - THE UPPER PORTION OF ALL UTILITY EXCAVATIONS SHOULD BE BACKFILLED WITH PROPERLY COMPACTED CLAY SOILS TO MINIMIZE SETTLEMENT OF SURFACE WATER. A "CLAY GUY" SHOULD BE PROVIDED IN THE TRENCH ON THE EXTERIOR OF THE BUILDING TO PREVENT WATER FROM GAINING ACCESS ALONG THE TRENCH TO THE SUBGRADE BENEATH THE STRUCTURE. THE PLUG SHALL EXTEND TWO FEET BEYOND THE PIPE FACE IN ALL DIRECTIONS, AND A MINIMUM OF TWO FEET THICK.
 - REFER TO THE GEOTECHNICAL REPORT FOR DETAILED SPECIFICATIONS ON SUBGRADE, PAVEMENT, FOUNDATIONS, ETC.
 - ALL UNPAVED AREAS SHALL BE ADEQUATELY GRADED TO DRAIN, SO THAT NO PONDING OCCURS.
 - FINISH GRADE ADJACENT TO CURBING OR SIDEWALK SHALL BE 1/2" BELOW THE TOP OF CONCRETE AND 2" BELOW IN LANDSCAPING AREAS.
 - ADEQUATE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND ANY DRAINAGE DITCH OR STRUCTURE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO EXISTING CONDITIONS OR BETTER.
 - THE APPROVAL OF THESE PLANS IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE DRAINAGE, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNER(S). ANY ADJACENT PROPERTY AND RIGHT-OF-WAY DISTURBED DURING CONSTRUCTION WILL BE RETURNED TO THEIR EXISTING CONDITIONS OR BETTER.
 - THE DETENTION FACILITIES MUST BE CONSTRUCTED FIRST.
 - THE CONTRACTOR SHALL REFER TO THE STRUCTURAL ENGINEER'S PLANS FOR SPECIFICATIONS, PROCEDURES, AND REQUIREMENTS FOR THE BUILDING PAD.
 - EXISTING TREES, STUMPS, AND LARGE TREE SYSTEMS SHALL BE OUBERED AND REMOVED. VEGETATION SHALL BE REMOVED AND THE TOP 6-24 INCHES OF TOP SOIL AND SUBGRADE BE STRIPPED FROM THE AREAS TO BE COVERED BY THE PROPOSED IMPROVEMENTS.
 - EXISTING DRAINAGE WORK THAT ARE TO BE FILLED SHALL HAVE BENCHES EXCAVATED INTO THE SIDE WALLS OF THE CHANNELS PRIOR TO PLACEMENT OF FILL. BENCHES SHALL BE AT LEAST 36" IN WIDTH WITH ONE BENCH BEING PLACED VERTICALLY FOR EVERY 2 FEET OF CHANNEL DEPTH.
 - MATERIAL EXCAVATED ON SITE, EXCLUDING THE TOP 6-24 INCHES OF TOP SOIL, MAY BE USED AS A FILL MATERIAL, UNLESS PAVEMENT AREAS ONLY. IF THE MATERIAL IS FREE FROM TREES, LIMBS, CLODS, ORGANIC SUBSTANCE, & OTHER FOREIGN MATTER AND SUBGRADE PREPARATION FILL MATERIAL PLACEMENT UNDER BUILDINGS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
 - STABILIZED MATERIAL OR FILL MATERIAL SHALL BE PLACED IN 6" TO 8" MINIMUM LOOSE LIFTS. WITH EACH LIFT WETTED OR DRIED TO A MOISTURE CONTENT RANGE OF 0% TO 44% OF THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO A UNIFORM DENSITY OF 98% (FOR STABILIZED) AND 95% (FOR GENERAL FILL) OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.

TP - TOP OF PAVEMENT
TW - TOP OF WALK
FL - FLOW LINE
PF - PROPOSED GRADE



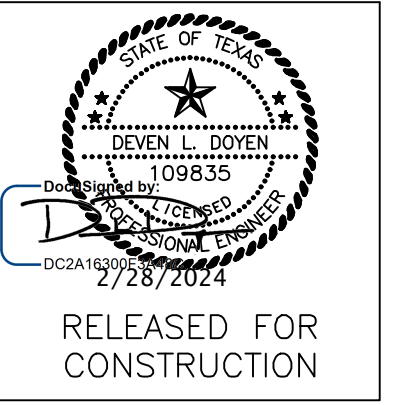
BENCHMARK INFORMATION

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BM 3	N: 10208968.5445 E: 3542491.4350 ELEV: 347.78 (X IN CONCRETE)



INSET "A"
1" = 20'

SZS
ARCHITECTURE
1711 CAVITT AVENUE
BRYAN, TEXAS 77801
OFFICE: (979)779-5757
info@szsarchitecture.com



SCHULTZ
Engineering, LLC
011 Southwest River E
College Station, Texas 77900
TBE FIRM NO. 12327

REVISIONS	
NUMBER	DATE
1	01/19/2024
2	02/27/2024

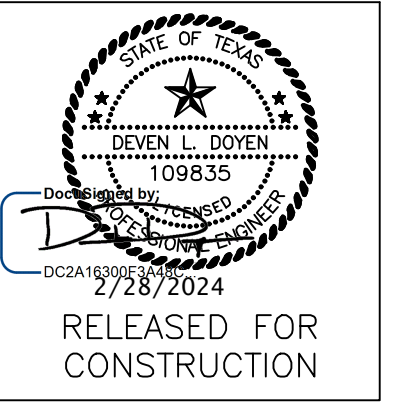
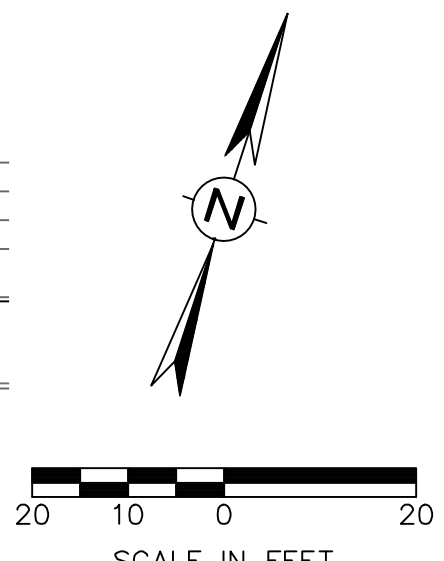
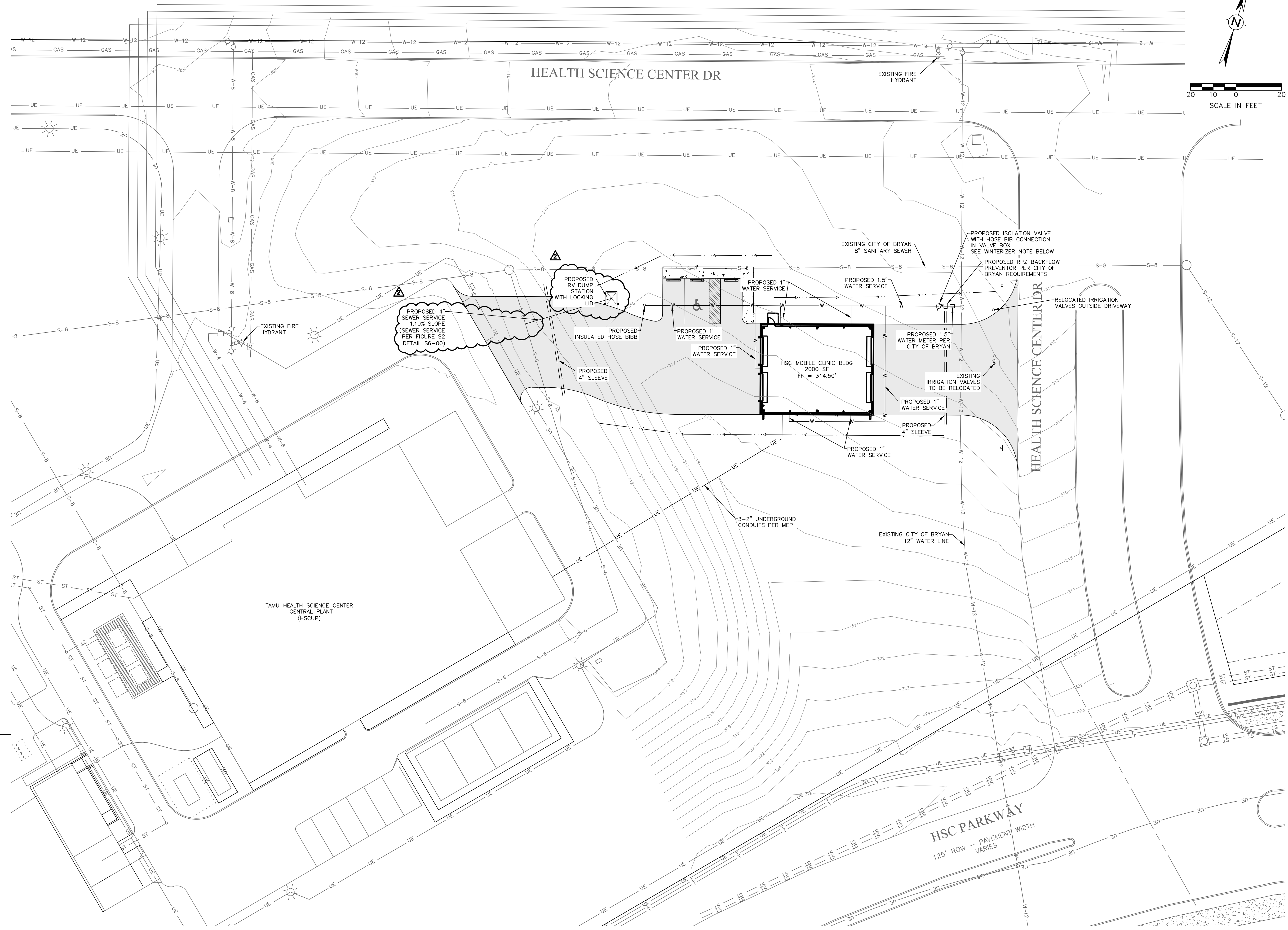
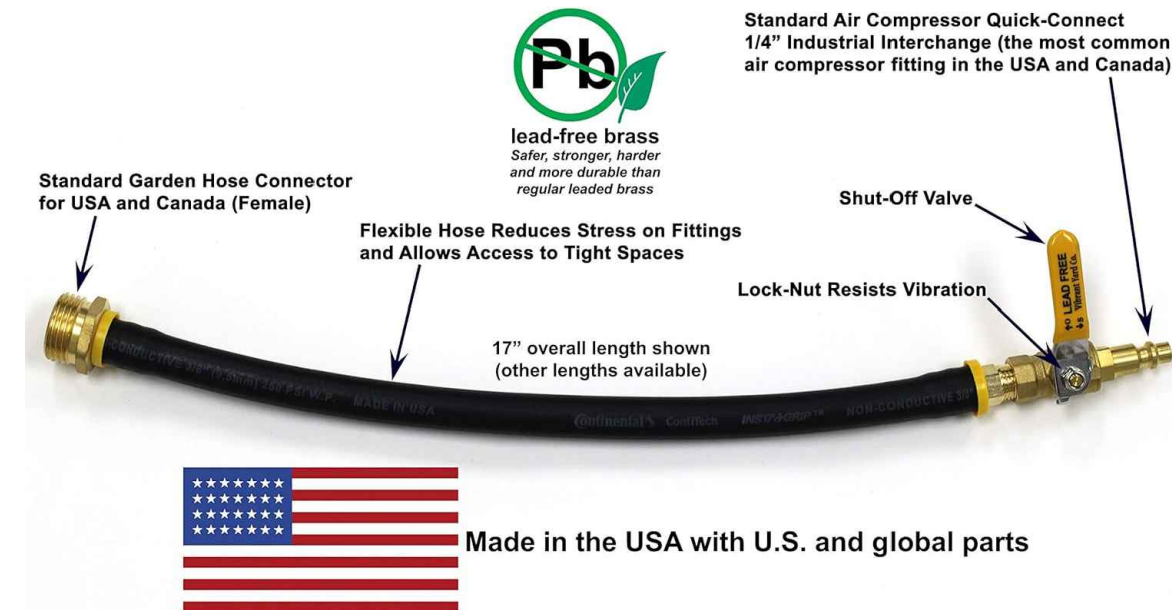
TAMU HSC MOBILE CLINICS 2022-08006
TAMU HSC CENTRAL UTILITY PLANT
GRADING PLAN

Project Number:
202209
Sheet issue date:
2023.11.01
Horizontal Scale:
1"=20'
Vertical Scale:
N/A

3-C2

UTILITY NOTES:

1. THE CONTRACTOR SHALL GIVE THE APPROPRIATE UTILITY COMPANY A MINIMUM OF 72 HOURS NOTICE SO THAT THEIR FIELD REPRESENTATIVE MAY BE PRESENT, PRIOR TO CONSTRUCTION ACTIVITIES IN AND AROUND UTILITY EASEMENTS AND EXISTING UTILITIES.
2. THE CONTRACTOR SHALL COORDINATE ALL INSTALLATIONS OF SERVICE LINES, CONDUITS, METERS, ETC., WITH THE APPROPRIATE UTILITY COMPANY.
3. REGARDLESS OF ELEVATIONS SHOWN FOR MANHOLE RIMS, CLEAN-OUT COVERS, OR GRATES, THESE ITEMS SHALL BE PLACED FLUSH WITH THE PAVEMENT ELEVATIONS AND SLOPES. MANHOLES AND CLEAN-OUTS NOT IN PAVEMENT AREAS SHALL BE SET 3 INCHES ABOVE THE FINISH GRADE.
4. THE CONTRACTOR SHALL COORDINATE ALL UTILITY INSTALLATION SO THAT GRADE CRITICAL ELEMENTS (I.E. STORM DRAIN, SANITARY SEWER, ETC.) DO NOT CONFLICT WITH NON-GRADE CRITICAL ELEMENTS (I.E. ELECTRICAL CONDUIT, WATER SERVICES, ETC.).
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL CONNECTIONS TO PUBLIC SYSTEMS AND INSTALLATIONS WITH REGULATORY INSPECTOR.
6. ALL ELECTRICAL UTILITIES ARE TO BE INSTALLED PER COLLEGE STATION UTILITIES (CSU) OR BRYAN TEXAS UTILITIES (BTU) ELECTRICAL PLAN.
7. THE FIRE SUPPRESSION LINE SHALL HAVE A LOCKABLE LID ON THE ISOLATION VALVE. THE LOCKABLE LID SHALL SUPPLY THE SAME PROTECTION AS THE AMP OR USA LL562 LOCKING LID. AT A MINIMUM, AN ALTERNATE LOCKABLE LID SHALL BE APPROVED BY COLLEGE STATION UTILITIES DIRECTOR OR DESIGNER, PRIOR TO INSTALLATION.
8. PUBLIC WATER & SEWER LINES CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BCS UNIFIED DESIGN GUIDELINES, STANDARD DETAILS, AND SPECIFICATIONS, 2012 EDITION.
9. PRIVATE WATER LINE AND PRIVATE SANITARY SEWER LINE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PLUMBING CODE. CLEANOUTS SHALL BE INSTALLED PER PLUMBING CODE.
10. PRIVATE WATER & SEWER LINE SERVICE MATERIALS TO BE IN ACCORDANCE WITH PLUMBING CODE.
11. STRUCTURAL BACKFILL AREAS ARE DEFINED AS ANY TRENCH SECTION UNDER OR WITHIN 5' OF PAVEMENT.
12. DEPTH OF THE EXISTING WATER LINES TO BE VERIFIED BY THE CONTRACTOR.
13. FINELY DIVIDED EARTH FREE OF ROCK, LUMPS AND CLODS EXCEEDING 6" SHALL BE PLACED BY HAND, AND COMPACTED AROUND THE CAST IRON PIPE BEFORE BACKFILL HAS BEGUN BY ANY MECHANICAL EQUIPMENT.
14. ALL THURST BLOCKING SHALL PROVIDE A MINIMUM OF 2 SQUARE FEET OF BEARING AREA OF CONCRETE ON UNDISTURBED SOIL, OR AS DIRECTED BY THE ENGINEER AND SHALL HAVE A MIN. 28 DAY STRENGTH = 2000 PSI.
15. WATER MAINS WILL NOT BE FULLY PRESSURIZED UNTIL ALL CONCRETE HAS REACHED 7 DAY STRENGTH.
16. ALL FITTINGS SHALL BE MECHANICAL JOINTS UNLESS OTHERWISE DIRECTED.
17. WATER LINE PIPE, FITTING, AND VALVES SHALL COMPLY WITH NFPA "STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES" - 2010 EDITION.
18. PRIVATE WATER, STORM SEWER, AND SANITARY SEWER LINES REQUIRE A PLUMBING PERMIT AND MUST BE INSPECTED BY THE CITY PRIOR TO COVERING WORK.
19. RV DUMP STATION SHALL HAVE A LOCKING LID THAT REMAINS LOCKED AT ALL TIMES.



REVISIONS	
NUMBER	DATE
1	01/19/2024
2	02/27/2024

Project Number: 202209
 Sheet issue date: 2023.11.01
 Horizontal Scale: 1"=20'
 Vertical Scale: N/A

SMITH JAY R. SMITH MFG. CO.
 1800 W. 10TH ST., SUITE 100, WACO, TEXAS 76798
 TEL: 817-871-8888 FAX: 817-871-8889 WWW.SMITHMFG.COM

NON-FREEZE POST HYDRANT

FUNCTION: Used where an above ground water outlet is required in areas which are subject to freezing temperatures. Freezing is prevented by burying the valve housing below the frost line and draining water from the casing after shut-off.

REGULARLY FURNISHED:
 Non-Freeze Post Hydrant with Galvanized Casing and Adjustable Flow Wheel Handle.

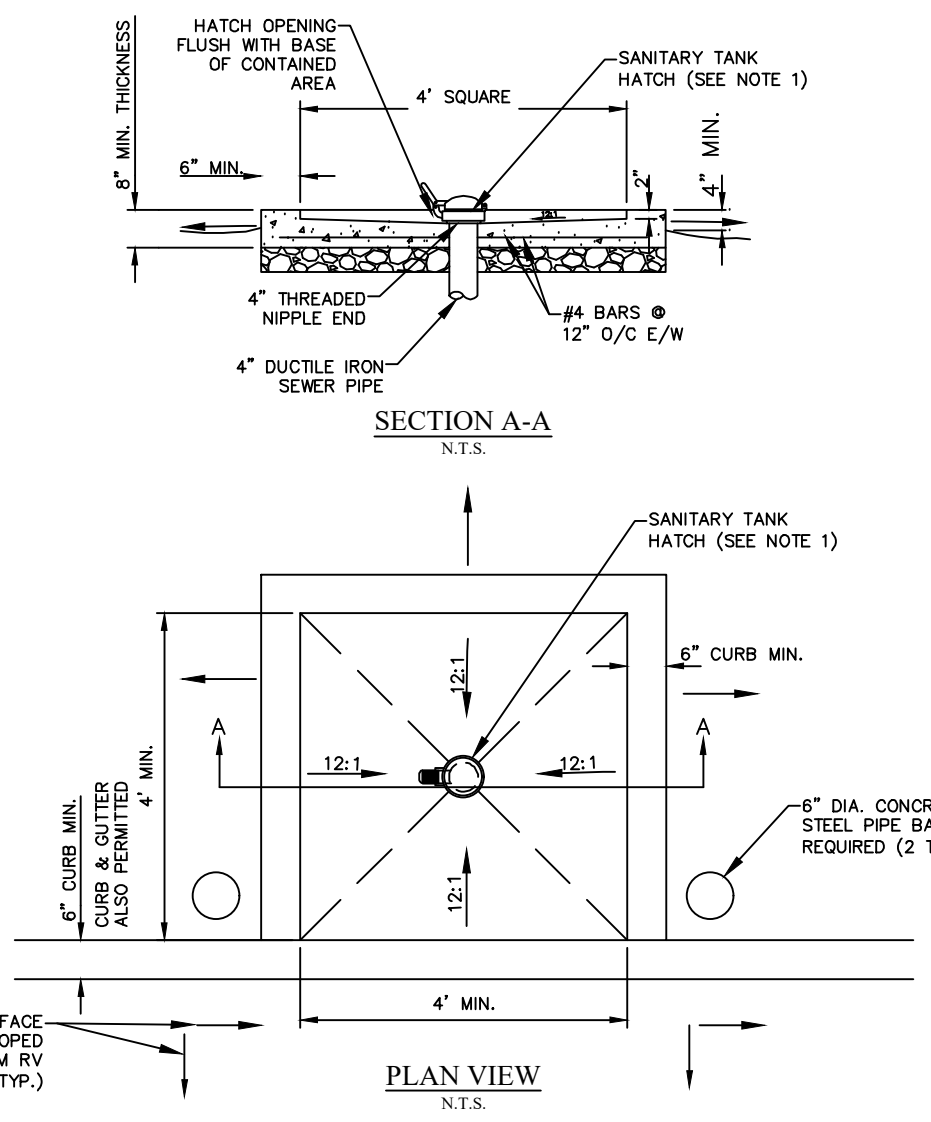
VARIATIONS:
 Vacuum Breaker - H (Note 1)
 1" (25) Hose Connection - HC1
 1" (25) Female Inlet Connection - MF1

NOTE:
 1. These must be removed to allow proper draining of the casing. Smith is not responsible for any casings that burst or related incidents if the hose is not removed.
 2. Dimensions shown in parentheses are in millimeters.
 3. The A8100, A8150, California Lead Law and NSF/ANSI Standard 61- Drinking Water System Components are not applicable to Jay R. Smith hydrants as they do not convey/dispense water for human consumption through drinking or cooking.
 4. FOR IRRIGATION PURPOSES ONLY.

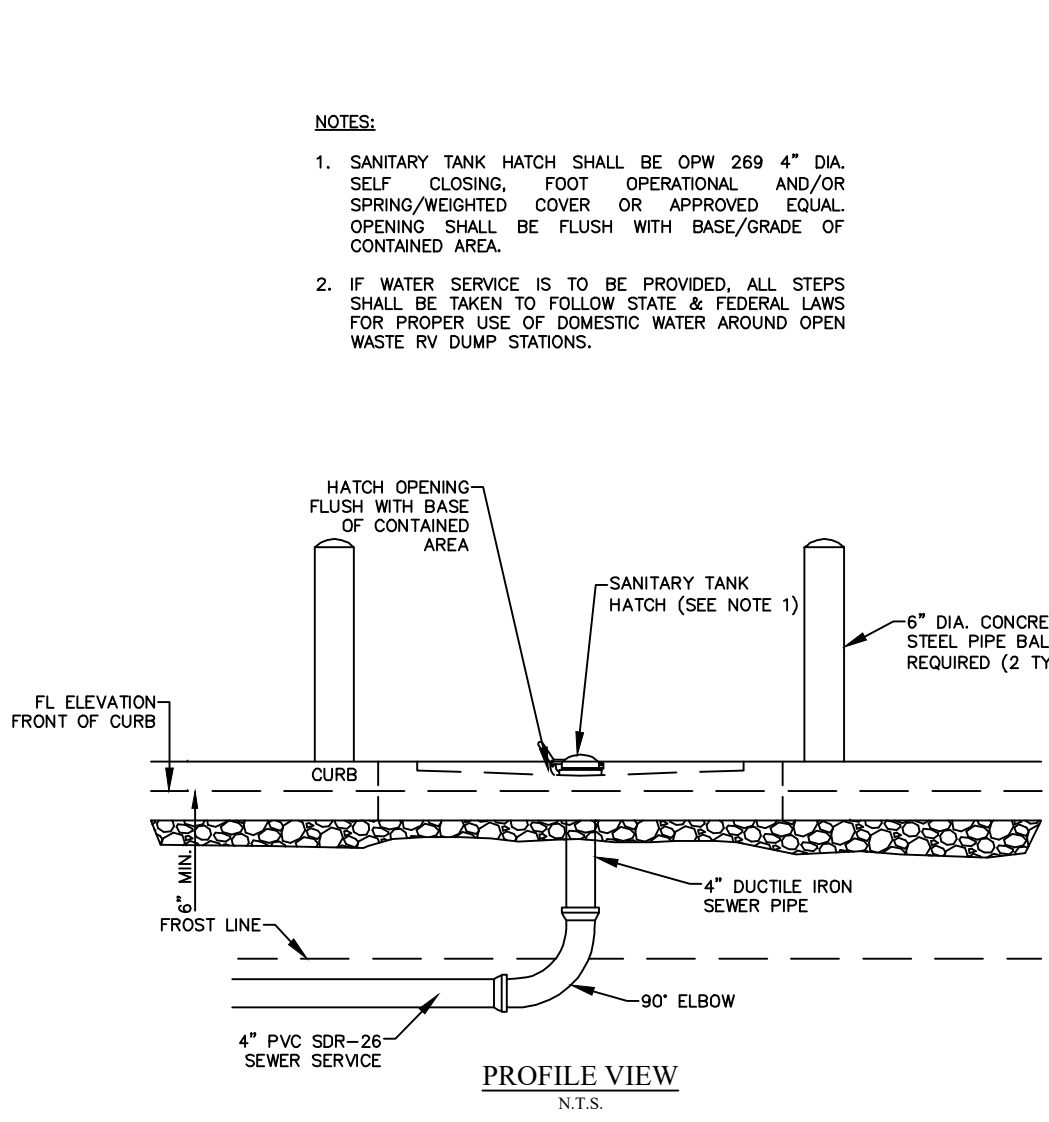
REV	DATE	DESCRIPTION	BY	CHK. BY
3-22-23		Added Notes 5 & 6/Removed ASL/TL	KK	JT
2-25-23		Revised Note	KK	CL
1-18-23		Updated Threaded Note	KK	JM
3-10-21		Removed Note	KK	

FIGURE NUMBER
5909

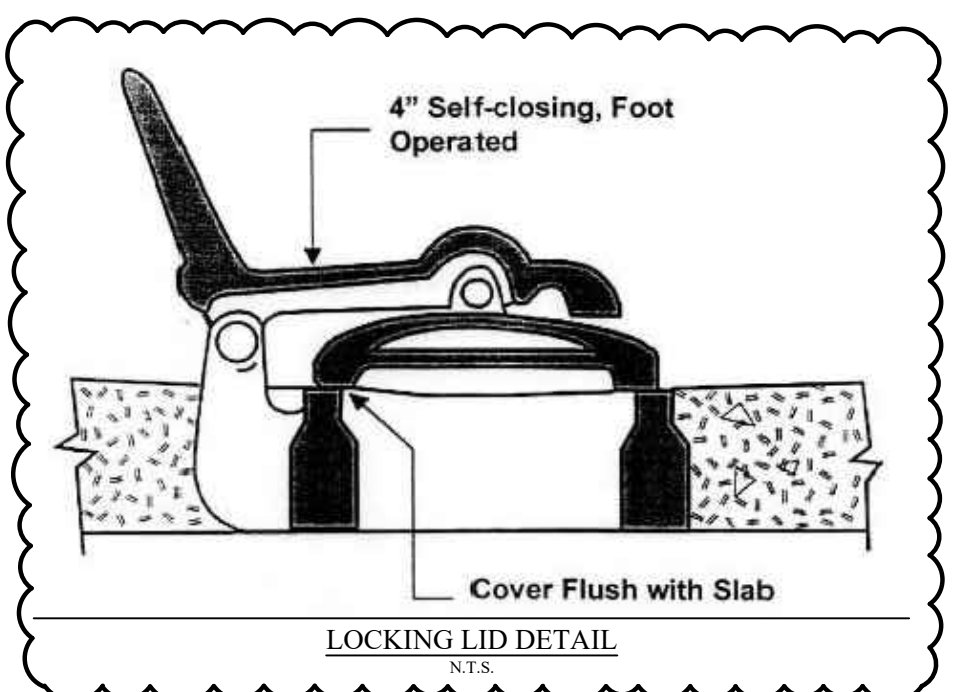
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



RV DUMP STATION DETAIL
 N.T.S.



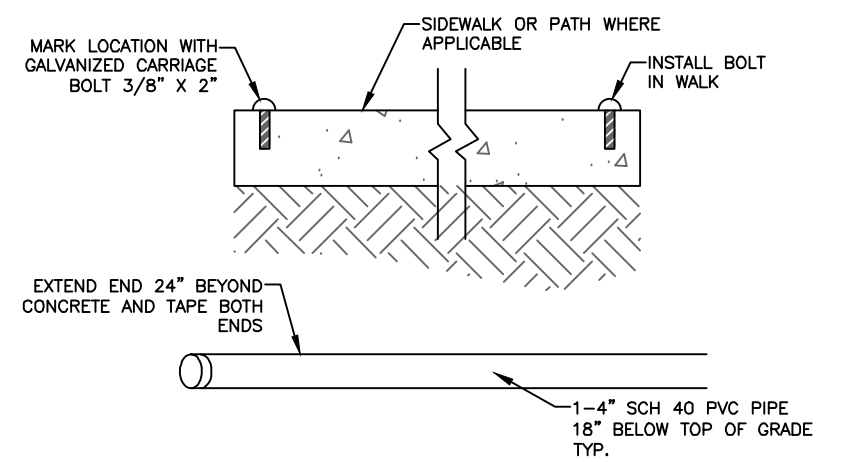
PVC SLEEVE DETAIL
 N.T.S.



LOCKING LID DETAIL
 N.T.S.

- NOTE:**
 CONTRACTOR TO PROVIDE RV/SPRINKLER WINTERING BLOWOUT CONNECTOR. CONNECTOR TO INCLUDE:
- STANDARD AIR COMPRESSOR QUICK CONNECT (1/4") AIR COMPRESSOR FITTING
 - SHUT OFF BALL VALVE
 - 8"-12" FLEXIBLE HOSE RATED AT 300 PSI
 - GARDEN HOSE CONNECTOR TO CONNECT TO HOSE BIB

- NOTES:**
1. SANITARY TANK HATCH SHALL BE 0269 4" DIA. SELF-CLOSING, FOOT OPERATIONAL AND/OR SPRING/WEIGHTED COVER OR APPROVED EQUAL OPENING SHALL BE FLUSH WITH BASE/GRADE OF CONTAINED AREA.
 2. IF WATER SERVICE IS TO BE PROVIDED, ALL STEPS SHALL BE TAKEN TO FOLLOW STATE & FEDERAL LAWS FOR PROPER USE OF DOMESTIC WATER AROUND OPEN WATER RV DUMP STATIONS.



PVC SLEEVE DETAIL
 N.T.S.